GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

STARRED QUESTION NO:456
ANSWERED ON:24.04.2002
SETTING UP OF MEGA ATOMIC POWER PLANTS
SRIKANTA DATTA NARASIMHARAJA WADIYAR

Will the Minister of ATOMIC ENERGY be pleased to state:

(a) whether the proposal to set up some Mega-Atomic Power Plants during Tenth Five Year Plan is under the consideration of the Government;

(b) if so, the States where these Mega-Atomic Power Plants are proposed to be set up; and

(c) the details thereof?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF SMALL SCALE INDUSTRIES, MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS, MINISTER OF STATE IN THE MINISTRY OF PLANNING AND MINIST OF STATE IN THE DEPARTMENTS OF ATOMIC ENERGY AND SPACE (SHRIMATI VASUNDHARA RAJE)

(a) to (c) The present total nuclear power capacity in the country is 2720 MWe. A nuclear power capacity addition of 1300 MWe is planned during the X Plan. This consists of 2x540 MWe units at Tarapur, Maharashtra on which construction work is in progress and one 220 MWe unit out of the two units of Kaiga 3&4 (2x220 MWe) project at Kaiga, Karnataka on which construction has commenced.

In addition, construction work has also commenced on the 2x1000 MWe project at Kudankulam, Tamil Nadu (KK 1&2) and 2x220 MWe project at Rawatbhata, Rajasthan (RAPP 5&6). Units Kaiga 4, KK 1&2 and RAPP 5&6 are scheduled to be commissioned to commence commercial operation progressively during the first two years of the XI Plan to reach a total nuclear power capacity of 6689 MWe by the end of 2008. A proposal for setting up of a 500 MWe capacity Prototype Fast Breeder Reactor at Kalpakkam, Tamil Nadu is in the process of finalisation for which the Detailed Project Report has been prepared.

Depending on the availability of funds and finalisation of the X Plan, commencement of construction of additional units has been proposed in the X Plan so as to reach a total nuclear power capacity of 9935 MWe by the end of XI Plan (March 2012). The location and details of these proposed units are yet to be finalised.